

Knippel; Ross C. Half Moon Bay CA

US-CL-CURRENT: 707/206; 711/163

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

37. Document ID: US 6047295 A

L24: Entry 37 of 51

File: USPT

Apr 4, 2000

US-PAT-NO: 6047295

DOCUMENT-IDENTIFIER: US 6047295 A

TITLE: Computer system, program product and method of managing weak references with a concurrent mark sweep collector

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Endicott; John Clarence	Rochester	MN		
Hicks; Daniel Rodman	Byron	MN		
Kolodner; Elliot Karl	Haifa			IL
Seemann; Robert Carl	Rochester	MN		

US-CL-CURRENT: 707/206; 707/205, 707/8

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

38. Document ID: US 6047125 A

L24: Entry 38 of 51

File: USPT

Apr 4, 2000

US-PAT-NO: 6047125

DOCUMENT-IDENTIFIER: US 6047125 A

TITLE: Garbage collection system for improved use of memory by removal of reference conflicts

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 717/148; 707/201, 707/206, 711/100, 711/103, 711/165, 711/206,
712/216, 717/154, 718/100, 718/106, 719/315

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39. Document ID: US 6038572 A

L24: Entry 39 of 51

File: USPT

Mar 14, 2000

US-PAT-NO: 6038572

DOCUMENT-IDENTIFIER: US 6038572 A

TITLE: Method and apparatus for localizing nodes in a garbage collected carded heap

DATE-ISSUED: March 14, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	San Jose	CA		
Knippel; Ross C.	Half Moon Bay	CA		

US-CL-CURRENT: 707/206; 710/23, 710/28, 711/147

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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 40. Document ID: US 5920876 A

L24: Entry 40 of 51

File: USPT

Jul 6, 1999

US-PAT-NO: 5920876

DOCUMENT-IDENTIFIER: US 5920876 A

TITLE: Performing exact garbage collection using bitmaps that identify pointer values within objects

DATE-ISSUED: July 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ungar; David M.	Palo Alto	CA		
Wolczko; Mario I.	Palo Alto	CA		

US-CL-CURRENT: 707/206; 711/165, 719/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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L23 and root	51

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Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 41 through 51 of 51 returned.

41. Document ID: US 5915255 A

Using default format because multiple data bases are involved.

L24: Entry 41 of 51

File: USPT

Jun 22, 1999

US-PAT-NO: 5915255

DOCUMENT-IDENTIFIER: US 5915255 A

TITLE: Method and apparatus for referencing nodes using links

DATE-ISSUED: June 22, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	San Jose	CA		
Wolczko; Mario I.	Palo Alto	CA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn D
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42. Document ID: US 5911144 A

L24: Entry 42 of 51

File: USPT

Jun 8, 1999

US-PAT-NO: 5911144

DOCUMENT-IDENTIFIER: US 5911144 A

TITLE: Method and apparatus for optimizing the assignment of hash values to nodes residing in a garbage collected heap

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	San Jose	CA		
Ungar; David M.	Palo Alto	CA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn D
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 43. Document ID: US 5903900 A

L24: Entry 43 of 51

File: USPT

May 11, 1999

US-PAT-NO: 5903900

DOCUMENT-IDENTIFIER: US 5903900 A

TITLE: Method and apparatus for optimizing exact garbage collection of array nodes in a carded heap

DATE-ISSUED: May 11, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Knippel; Ross C.	Half Moon Bay	CA		
Beylin; Boris	Palo Alto	CA		

US-CL-CURRENT: 707/206; 711/170, 711/171

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawn D
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 44. Document ID: US 5900001 A

L24: Entry 44 of 51

File: USPT

May 4, 1999

US-PAT-NO: 5900001

DOCUMENT-IDENTIFIER: US 5900001 A

TITLE: Method and apparatus for optimizing exact garbage collection using a bifurcated data structure

DATE-ISSUED: May 4, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wolczko; Mario I.	Palo Alto	CA		
Ungar; David M.	Palo Alto	CA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawn D
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 45. Document ID: US 5873105 A

L24: Entry 45 of 51

File: USPT

Feb 16, 1999

US-PAT-NO: 5873105

DOCUMENT-IDENTIFIER: US 5873105 A

TITLE: Bounded-pause time garbage collection system and method including write barrier associated with a source instance of a partially relocated object

DATE-ISSUED: February 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tremblay; Marc	Palo Alto	CA		
O'Connor; James Michael	Union City	CA		
Steele, Jr.; Guy L.	Lexington	MA		
Vishin; Sanjay	Sunnyvale	CA		
Agesen; Ole	Franklin	MA		
Heller; Steven	Chelmsford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206; 711/165

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn D](#)

46. Document ID: US 5873104 A

L24: Entry 46 of 51

File: USPT

Feb 16, 1999

US-PAT-NO: 5873104

DOCUMENT-IDENTIFIER: US 5873104 A

TITLE: Bounded-pause time garbage collection system and method including write barrier associated with source and target instances of a partially relocated object

DATE-ISSUED: February 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tremblay; Marc	Palo Alto	CA		
O'Connor; James Michael	Union City	CA		
Steele, Jr.; Guy L.	Lexington	MA		
Vishin; Sanjay	Sunnyvale	CA		
Agesen; Ole	Franklin	MA		
Heller; Steven	Chelmsford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206; 711/165

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn D](#)

47. Document ID: US 5857210 A

L24: Entry 47 of 51

File: USPT

Jan 5, 1999

US-PAT-NO: 5857210

DOCUMENT-IDENTIFIER: US 5857210 A

TITLE: Bounded-pause time garbage collection system and method including read and write barriers associated with an instance of a partially relocated object

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tremblay; Marc	Palo Alto	CA		
O'Connor; James Michael	Union City	CA		
Steele, Jr.; Guy L.	Lexington	MA		
Vishin; Sanjay	Sunnyvale	CA		
Agesen; Ole	Franklin	MA		
Heller; Steven	Chelmsford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206; 711/165

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequencies	Attachments	Claims	KMPC	Draum	Da
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 48. Document ID: US 5848423 A

L24: Entry 48 of 51

File: USPT

Dec 8, 1998

US-PAT-NO: 5848423

DOCUMENT-IDENTIFIER: US 5848423 A

TITLE: Garbage collection system and method for locating root set pointers in method activation records

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ebrahim; Zahir	Mountain View	CA		
Mohamed; Ahmed H.	Berkeley	CA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequencies	Attachments	Claims	KMPC	Draum	Da
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 49. Document ID: US 5485613 A

L24: Entry 49 of 51

File: USPT

Jan 16, 1996

US-PAT-NO: 5485613

DOCUMENT-IDENTIFIER: US 5485613 A

TITLE: Method for automatic memory reclamation for object-oriented systems with real-time constraints

DATE-ISSUED: January 16, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Engelstad; Steven L.	Lisle	IL		
Falck; Keith F.	Naperville	IL		
Vandendorpe; James E.	Naperville	IL		

US-CL-CURRENT: 707/206; 711/154

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn D](#)

50. Document ID: US 5392432 A

L24: Entry 50 of 51

File: USPT

Feb 21, 1995

US-PAT-NO: 5392432

DOCUMENT-IDENTIFIER: US 5392432 A

TITLE: Method for automatic system resource reclamation for object-oriented systems with real-time constraints

DATE-ISSUED: February 21, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Engelstad; Steven L.	Lisle	IL		
Falck; Keith F.	Naperville	IL		
Vandendorpe; James E.	Naperville	IL		

US-CL-CURRENT: 707/103R; 707/206, 714/1

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51. Document ID: US 4989132 A

L24: Entry 51 of 51

File: USPT

Jan 29, 1991

US-PAT-NO: 4989132

DOCUMENT-IDENTIFIER: US 4989132 A

TITLE: Object-oriented, logic, and database programming tool with garbage collection

DATE-ISSUED: January 29, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mellender; Fredric H.	Rochester	NY		
Straw; Andrew G.	Fairport	NY		
Riegel; Stephen E.	Pittsford	NY		

US-CL-CURRENT: 717/139; 706/60, 707/206, 717/114, 717/140

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Generate OACS				

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1. Document ID: US 6601153 B1

Using default format because multiple data bases are involved.

L26: Entry 1 of 13

File: USPT

Jul 29, 2003

US-PAT-NO: 6601153

DOCUMENT-IDENTIFIER: US 6601153 B1

TITLE: Method and apparatus for increasing computer performance through asynchronous memory block initialization

DATE-ISSUED: July 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Engelbrecht; Kenneth L.	Blaine	MN		
Mikkelsen; Hans C.	Afton	MN		
Ward; Wayne D.	New Brighton	MN		

US-CL-CURRENT: 711/166; 707/200, 707/206, 718/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D.
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2. Document ID: US 6360233 B1

L26: Entry 2 of 13

File: USPT

Mar 19, 2002

US-PAT-NO: 6360233

DOCUMENT-IDENTIFIER: US 6360233 B1

TITLE: Dynamic memory space allocation

DATE-ISSUED: March 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houldsworth; Richard J.	Horley			GB

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D.
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3. Document ID: US 6327701 B1

L26: Entry 3 of 13

File: USPT

Dec 4, 2001

US-PAT-NO: 6327701

DOCUMENT-IDENTIFIER: US 6327701 B1

TITLE: Method and apparatus for finding bugs related to garbage collection in a virtual machine

DATE-ISSUED: December 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ungar; David	Palo Alto	CA		

US-CL-CURRENT: 717/125; 707/101, 707/206, 717/131, 717/148[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#) 4. Document ID: US 6292883 B1

L26: Entry 4 of 13

File: USPT

Sep 18, 2001

US-PAT-NO: 6292883

DOCUMENT-IDENTIFIER: US 6292883 B1

TITLE: Converting program-specific virtual machine instructions into variable instruction set

DATE-ISSUED: September 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Augusteijn; Alexander	Eindhoven			NL
Dijkstra; Eelco J.	Eindhoven			NL
Gorissen; Paulus M. H. M. A.	Eindhoven			NL
Meulenbroeks; Franciscus J. H. M.	Eindhoven			NL
Stravers; Paul	San Jose	CA		
Trescher; Joachim A.	Eindhoven			NL

US-CL-CURRENT: 712/209; 707/206, 712/227, 718/1, 718/102[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#) 5. Document ID: US 6279091 B1

L26: Entry 5 of 13

File: USPT

Aug 21, 2001

US-PAT-NO: 6279091
DOCUMENT-IDENTIFIER: US 6279091 B1

TITLE: Program execution environment specification method and a recording medium containing the method recorded therein

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikuchi; Toshiki	Tokyo			JP
Yokote; Yasuhiko	Tokyo			JP

US-CL-CURRENT: 711/170; 707/206

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

6. Document ID: US 6247025 B1

L26: Entry 6 of 13

File: USPT

Jun 12, 2001

US-PAT-NO: 6247025
DOCUMENT-IDENTIFIER: US 6247025 B1

TITLE: Locking and unlocking mechanism for controlling concurrent access to objects

DATE-ISSUED: June 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bacon; David Francis	New York	NY		

US-CL-CURRENT: 707/206; 707/102, 707/103R

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

7. Document ID: US 6101580 A

L26: Entry 7 of 13

File: USPT

Aug 8, 2000

US-PAT-NO: 6101580
DOCUMENT-IDENTIFIER: US 6101580 A

TITLE: Apparatus and method for assisting exact garbage collection by using a stack cache of tag bits

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Agesen; Ole	Franklin	MA
Heller; Steve	Chelmsford	MA
O'Connor; Michael	Union City	CA
Steele; Guy	Lexington	MA
Tremblay; Marc	Palo Alto	CA

US-CL-CURRENT: 711/132; 707/206, 711/156, 711/173, 711/3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Assignees](#) | [Assignments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

8. Document ID: US 5918235 A

L26: Entry 8 of 13

File: USPT

Jun 29, 1999

US-PAT-NO: 5918235

DOCUMENT-IDENTIFIER: US 5918235 A

TITLE: Object surrogate with active computation and probabilistic counter

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kirshenbaum; Evan R.	Mountain View	CA		
Moore; Keith E.	Santa Clara	CA		

US-CL-CURRENT: 707/206; 707/104.1, 707/3, 719/328

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Assignees](#) | [Assignments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

9. Document ID: US 5909579 A

L26: Entry 9 of 13

File: USPT

Jun 1, 1999

US-PAT-NO: 5909579

DOCUMENT-IDENTIFIER: US 5909579 A

TITLE: Method and apparatus for encoding and decoding delta encoded information to locate live pointers in program data stacks

DATE-ISSUED: June 1, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Ungar; David	Palo Alto	CA		

US-CL-CURRENT: 717/131; 707/206, 712/200, 717/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Draw. D
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10. Document ID: US 5903899 A

L26: Entry 10 of 13

File: USPT

May 11, 1999

US-PAT-NO: 5903899

DOCUMENT-IDENTIFIER: US 5903899 A

TITLE: System and method for assisting exact Garbage collection by segregating the contents of a stack into sub stacks

DATE-ISSUED: May 11, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Steele, Jr.; Guy L.	Lexington	MA		

US-CL-CURRENT: 707/206; 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Draw. D
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11. Document ID: US 5765157 A

L26: Entry 11 of 13

File: USPT

Jun 9, 1998

US-PAT-NO: 5765157

DOCUMENT-IDENTIFIER: US 5765157 A

TITLE: Computer system and method for executing threads of execution with reduced run-time memory space requirements

DATE-ISSUED: June 9, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lindholm; Timothy G.	Palo Alto	CA		
Joy; William N.	Aspen	CO		

US-CL-CURRENT: 707/101; 341/51, 341/79, 707/205, 707/206, 711/113, 711/160

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Draw. D
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12. Document ID: US 5280612 A

L26: Entry 12 of 13

File: USPT

Jan 18, 1994

US-PAT-NO: 5280612

DOCUMENT-IDENTIFIER: US 5280612 A

**** See image for Certificate of Correction ****

TITLE: Multiple version database concurrency control system

DATE-ISSUED: January 18, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lorie; Raymond A.	San Jose	CA		
Mohan; Chandrasekaran	San Jose	CA		
Pirahesh; Mir H.	San Jose	CA		

US-CL-CURRENT: 707/8, 707/203, 707/206, 707/9, 710/242

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13. Document ID: US 4912629 A

L26: Entry 13 of 13

File: USPT

Mar 27, 1990

US-PAT-NO: 4912629

DOCUMENT-IDENTIFIER: US 4912629 A

TITLE: Real-time garbage collection for list processing using restructured cells
for increased reference counter size

DATE-ISSUED: March 27, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shuler, Jr.; Robert L.	Friendswood	TX		

US-CL-CURRENT: 707/206

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KIMC](#) [Drawn D](#)

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Search Results - Record(s) 1 through 3 of 3 returned.

1. Document ID: US 20030229766 A1

Using default format because multiple data bases are involved.

L18: Entry 1 of 3

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030229766

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030229766 A1

TITLE: Methods and apparatus for performing a memory management technique

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dice, David	Foxborough	MA	US	
Garthwaite, Alexander T.	Beverly	MA	US	

US-CL-CURRENT: 711/154; 707/206, 711/132

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn D](#)

2. Document ID: US 6662274 B2

L18: Entry 2 of 3

File: USPT

Dec 9, 2003

US-PAT-NO: 6662274

DOCUMENT-IDENTIFIER: US 6662274 B2

TITLE: Method for using cache prefetch feature to improve garbage collection algorithm

DATE-ISSUED: December 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Subramoney; Sreenivas	Palo Alto	CA		
Hudson; Richard L.	Northampton	MA		

US-CL-CURRENT: 711/137; 707/206, 711/155, 711/170, 711/204, 711/213, 711/217

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

3. Document ID: US 6523141 B1

L18: Entry 3 of 3

File: USPT

Feb 18, 2003

US-PAT-NO: 6523141

DOCUMENT-IDENTIFIER: US 6523141 B1

TITLE: Method and apparatus for post-mortem kernel memory leak detection

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cantrill; Bryan M.	Menlo Park	CA		

US-CL-CURRENT: 714/48; 707/206, 711/170, 714/49, 717/124

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